



10/17/2006

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PTO/BB/08A (07-05)

Approved for use through 07/31/2008. OMB 0851-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 104B/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 7

Complete if Known

Application Number	10/719,796
Filing Date	11/21/2003
First Named Inventor	DAVID MONROE
Art Unit	
Examiner Name	
Attorney Docket Number	121617.001 074

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number Numbering Code ² Patent	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 4,163,283	07-31-1979	Darby	
		US- 4,179,895	12-18-1979	Levine et al.	
		US- 4,179,538	04-08-1980	Levine	
		US- 4,848,125	05-07-1983	Schwab et al.	
		US- 4,831,438	05-16-1989	Bolman Jr. et al.	
		US- 4,845,829	07-04-1989	Murga	
		US- 4,891,860	01-02-1990	Shaffer	
		US- 5,027,104	08-25-1991	Reid	Previously considered
		US- 5,027,114	08-26-1991	Kawaguchi et al.	
		US- 5,166,743	11-24-1992	Sato et al.	
		US- 5,218,387	08-08-1993	Shen et al.	
		US- 5,243,340	08-07-1993	Naman et al.	
		US- 5,283,643	02-01-1994	Fujimoto	
		US- 5,321,815	06-14-1994	Frisbie et al.	
		US- 5,334,982	08-02-1994	Owen	
		US- 5,551,194	09-27-1994	Ross et al.	
		US- 5,400,031	03-21-1995	FRIS	
		US- 5,408,330	04-18-1995	Squicciarini et al.	
		US- 5,448,243	06-05-1995	Bethke et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
TN		JPS-251599	1997			
TN		JP11-180424	1999			
TN		JP6-301898	1994			
TN		JPS-282600	1997			
		EP209,387	04-24-1997	Margo et al.	previously considered	
TN		EP220,752	05-08-1987	Juhn et al.		

Examiner Signature	/Thu Nguyen/	Date Considered	01/20/2007
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Substitute for form 1048/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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Sheet 2 of 7

Complete if Known

Application Number	10/719,796
Filing Date	11/21/2003
First Named Inventor	DAVID MONROE
Art Unit	
Examiner Name	
Attorney Docket Number	121817.001.574

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 5,463,595	10-31-1995	Rodhall et al.	
		US- 5,497,149	03-05-1998	Fast	
		US- 5,530,440	08-25-1998	Dänzer et al.	
		US- 5,557,254	09-17-1998	Johnson et al.	
		US- 5,557,278	09-17-98	Piccirillo et al.	
		US- 5,588,187	01-28-1997	Zijdenhand	
		US- 5,612,668	03-18-1997	Scott	
		US- 5,629,891	05-13-1997	Jain	
		US- 5,636,122	08-03-1997	Shah et al.	
		US- 5,670,861	08-23-1997	Tomke et al.	
		US- 5,677,979	10-14-1997	Squidclairni	previously considered
		US- 5,712,679	01-27-1998	Coles	
		US- 5,712,899	01-27-1998	Pace, II	
		US- 5,742,338	04-21-1998	Lee	
		US- 5,777,551	07-07-1998	Hess	
		US- 5,777,580	07-07-1998	Jammy et al.	
		US- 5,793,416	08-14-1998	Rostoker et al.	
		US- 5,825,283	10-20-1998	Camhi	
		US- 5,850,180	12-15-1998	Hess	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ³
		Country Code ⁴ Number ⁵ Kind Code ⁶ (if known)				
		EP613,110	08-31-1994	Hoover		
		EP613,111	08-31-1994	Hoover		
		EP744,630	11-27-1996	Awl		
		WO90/04242	04-19-1990	Norman et al.		
		WO98/52174	11-19-1998	Majlasalo		
		EP532,110	03-17-1993	Raimondi		

Examiner Signature	/Thu Nguyen/	Date Considered	01/20/2007
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 3 of 7**Complete If Known**

Application Number	10/719,796
Filing Date	11/21/2003
First Named Inventor	DAVID MONROE
Art Unit	
Examiner Name	
Attorney Docket Number	121817.001.024

Examiner Initials*	Cite No. ¹	U. S. PATENT DOCUMENTS		Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Document Number	Publication Date MM-DD-YYYY		
		Number-Kind Code ² (if known)			
		US- 5,867,804	02-02-1999	Pilley, et al.	
		US- 5,917,405	08-29-1999	Jose	
		US- 5,926,210	07-20-1999	Hackett et al.	
		US- 5,974,158	10-26-1999	Auty et al.	
		US- 5,983,181	11-09-1999	Lamelson et al.	
		US- 5,999,116	12-07-1999	Evera	
		US- 6,084,610	07-04-2000	Lamelson et al.	
		US- 6,092,008	07-18-2000	Bateman	previously considered
		US- 6,154,658	11-28-2000	Caci	
		US- 6,157,317	12-05-2000	Walker	
		US- 6,181,373	01-30-2001	Coles	
		US- 6,195,809	02-27-2001	Pilley et al.	
		US- 6,226,031	05-01-2001	Barraclough et al.	
		US- 6,275,231	08-14-2001	Obradovich	
		US- 6,278,985	08-21-2001	Glass et al.	
		US- 6,282,488	08-28-2001	Castor et al.	
		US- 6,462,697	10-08-2002	Kramer et al.	
		US- 5,933,098	08-03-1999	Haxton	
		US- 5,889,442	11-18-1997	Swanson	

Examiner Initials*	Cite No. ¹	FOREIGN PATENT DOCUMENTS		Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Y ³
		Foreign Patent Document	Publication Date MM-DD-YYYY			
		Country Code ⁴ Number ⁵ Kind Code ⁶ (if known)				
		EP786,636	07-23-1997	Feri et al.	previously	
		WO97/37338	10-09-1997	Auty et al.	considered	
not considered		EP744,030	05-25-1996	Stoll et al.		
		EP292,031	08-12-1987	Hale		
		EP613,109	08-31-1994	Heever	previously	
		WO96/12285	04-25-1996	Milgard	considered	

Examiner Signature	/Thu Nguyen/	Date Considered	01/20/2007
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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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Sheet

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of

7

Complete if Known

Application Number	10/719,796
Filing Date	11/21/2003
First Named Inventor	DAVID MONROE
Art Unit	
Examiner Name	
Attorney Docket Number	121817.00 1.074

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US-6,100,964	08-08-2000	De Cremiers	
		US-5,714,948	02-03-1998	Farnakia et al.	
		US-5,627,753	05-06-1997	Brankin et al.	
		US-4,857,912	08-15-1988	Everett, Jr. et al.	
		US-6,250,475	07-10-2001	Ramachandran et al.	
		US-5,440,332	08-08-1995	Henderson et al.	
		US-6,282,486	08-28-2001	Castor et al.	
		US-5,508,736	04-18-1996	Cooper	
		US-5,469,371	11-21-1995	Besa	previously
		US-5,243,530	08-07-1993	Stanifer et al.	considered
		US-5,288,698	12-07-1993	Smith Sr. et al.	
		US-5,835,059	11-10-1998	Nadal et al.	
		US-2003/0071899	04-17-2003	Jaso	
		US-2002/0055727	03-10-2005	Croamer et al.	
		US-6,662,649	12-16-2003	Knight et al.	
		US-5,938,708	08-17-1999	Feldman	
		US-6,078,850	06-20-2000	Kane et al.	
		US-6,549,130	04-15-2003	Jaso	
		US-5,081,780	02-25-1992	Pomerleau	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ Number ¹ Kind Code ² (if known)			
		WO95/27910	10-19-1995	Wallis	

Examiner Signature	/Thu Nguyen/	Date Considered	01/20/2007
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 5 of 7**Complete if Known**

Application Number	10/717,796
Filing Date	11/21/2003
First Named Inventor	DAVID MONROE
Art Unit	
Examiner Name	
Attorney Docket Number	121817.00, 1074

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		US- 5,866,157	08-08-1997	Aviv	
		US- 6,424,370	07-23-2002	Courtney	
		US- 6,504,479	01-07-2003	Lemons	
		US- 6,028,835	09-30-2003	Brill	
		US- 6,646,676	11-11-2003	DaGraca	
		US- 6,002,427	12-14-1999	Kipust	
		US- 5,432,838	07-11-1985	Purchase	
		US- 6,385,772	05-07-2002	Courtney	previously considered
		US- 6,292,098	09-18-2001	Ebata	
		US- 5,642,285	06-24-1997	Koo	
		US- 5,567,278	09-17-1998	Plocinillo	
		US- 2005/0138083	06-16-2005	Rastegar	
		US- 6,089,655	05-30-2000	Sealey	
		US- 5,440,343	08-08-1985	Parutski	
		US- 5,111,291	03-05-1992	Erickson	
		US- 4,810,892	03-20-1990	Outram	
		US- 5,109,278	04-28-1992	Erickson	
		US- 5,509,009	04-16-1986	Laycock	
		US- 5,751,346	05-12-1998	Dozier	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY			

Examiner Signature	/Thu Nguyen/	Date Considered	01/20/2007
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	6	of	7
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Complete If Known

Application Number	10/719,796
Filing Date	11/21/2003
First Named Inventor	DAVID M. HENRISSE
Art Unit	
Examiner Name	
Attorney Docket Number	12104.00 1674

U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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Signature**

/Thu Nguyen/

Date Considered

01/20/2007

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Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/719,796
		Filing Date	11/21/2003
		First Named Inventor	DAVID MONROE
		Art Unit	
		Examiner Name	
Sheet 2 of 2	Attorney Docket Number	121817.001.074	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		April 1966, Apollo Unified S-Band System, NASA Goddard Space Flight Center, Greenbelt, Maryland	previously considered

Examiner Signature	/Thu Nguyen/	Date Considered	01/20/2007
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